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APPENDIX I

ALL PENDING CLAIMS WITH AMENDMENTS EFFECTED THEREIN

1.   Method for manufacturing a patient-specific implant, comprising

generating a virtual three-dimensional model from image data of at least the

patient's implant area and the environment thereof,

comparing the virtual three-dimensional model to real medical reference

data,

selecting from the real medical reference data a set of said reference data

best suited for the patient and forming a reference model object therefrom, the step

of selecting the set of said reference data best suited for the patient and forming a

reference model object therefrom comprising

first selecting a plurality of sets of the reference data and forming

a corresponding plurality of reference model objects therefrom most resembling the

patient considering mathematical, functional, medical and aesthetic parameters, and

then selecting one of said plurality of reference model objects best

suited for the patient,

generating a virtual implant model from said selected one of said plurality

of reference model objects by superimposing said selected one of said plurality of

reference model objects with the virtual three-dimensional model, and

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manufacturing the implant by computer numeric control based on data from

the virtual implant model.

2.   Method as claimed in claim 1, wherein the real medical reference

data comprise a database.

4.   Method as claimed in claim 1 or 2, wherein the real medical

reference data comprises data from the patient.

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